

Title (en)

CELL-FREE T CELL ANTIGEN RECEPTOR AND ITS CLINICAL UTILITIES.

Title (de)

ZELLENFREIER T-ZELLENANTIGENREZEPTOR UND KLINISCHE VERWENDUNG.

Title (fr)

RECEPTEUR ANTIGENIQUE DE CELLULES T EXEMPT DE CELLULES ET SES UTILISATIONS CLINIQUES.

Publication

EP 0248887 B1 19941228 (EN)

Application

EP 87900451 A 19861202

Priority

- US 8602591 W 19861202
- US 80428985 A 19851203
- US 93587986 A 19861201

Abstract (en)

[origin: WO8703600A1] Cell-free or released T cell antigen receptors, immunoassays which allowed detection of the released T cell antigen receptor in cell culture supernatants, cell lysates, and biological fluids, as well as diagnostic and therapeutic compositions and methods for monitoring and treating certain diseases or disorders which elicit or involve a T cell response. The released T cell antigen receptors described herein differ from the cell membrane bound antigen receptors and appear to exist in a variety of forms, some of which may be complexed with other T cell determinants such as the T3 antigen. Despite the size heterogeneity of the released T cell antigen receptors or receptor/complexes, these may be reliably identified using anti-receptor antibodies, including, but not limited to, anti-major framework, anti-minor framework and anti-clonotypic antibodies which define particular epitopes of the released T cell receptor or receptor/complex.

IPC 1-7

C07K 3/00; **C07K 15/00**; **G01N 33/53**; **G01N 33/541**; **G01N 31/00**; **C12N 5/00**; **C12N 15/00**; **A61K 37/02**

IPC 8 full level

A61K 38/17 (2006.01); **C07K 14/725** (2006.01); **C07K 16/28** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP KR US)

C07K 14/705 (2013.01 - KR); **C07K 14/7051** (2013.01 - EP US); **C07K 16/2809** (2013.01 - EP US); **G01N 33/53** (2013.01 - KR); **G01N 33/56972** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **A61K 39/00** (2013.01 - EP KR US); **G01N 2333/7051** (2013.01 - EP US); **Y10S 530/83** (2013.01 - EP US)

Citation (examination)

- P.N.A.S., vol. 80, 1983, pages 4104-4108
- Cell, vol.43, 1985, pages 223-231
- Immunological Reviews, No. 81, issued 1984, (Denmark), L.E. Samelson et al, "Characterization of the Antigen-Specific T Cell Receptor from a Pigeon Cytochrome C-Specific T Cell Hybrid" see pages 132-144.

Cited by

CN102295702A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8703600 A1 19870618; AT E116329 T1 19950115; AU 617980 B2 19911212; AU 6772587 A 19870630; DE 3650184 D1 19950209; DE 3650184 T2 19950511; EP 0248887 A1 19871216; EP 0248887 A4 19900108; EP 0248887 B1 19941228; EP 0616811 A1 19940928; KR 880700816 A 19880412; KR 960001741 B1 19960205; US 5436319 A 19950725

DOCDB simple family (application)

US 8602591 W 19861202; AT 87900451 T 19861202; AU 6772587 A 19861202; DE 3650184 T 19861202; EP 87900451 A 19861202; EP 94107605 A 19861202; KR 870700666 A 19870803; US 31216794 A 19940926